

10/786,240K YONG CHU 06-02-2006

\$\$^STN;HighlightOn=;HighlightOff=;

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptaylc1626

PASSWORD:

LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.  
You either typed them incorrectly, or line noise may  
have corrupted them.

Do you wish to retry the logon?

Enter choice (y/N):

Do you wish to use the same loginid and password?

Enter choice (y/N):

Enter new loginid (or press [Enter] for ssptaylc1626):

Enter new password:

LOGINID:

LOGINID:ssptaylc1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	4	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	7	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	8	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	9	MAR 22	EMBASE is now updated on a daily basis
NEWS	10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	12	APR 04	STN AnaVist \$500 visualization usage credit offered
NEWS	13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS	14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS	15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS	16	MAY 10	CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS	17	MAY 11	KOREAPAT updates resume
NEWS	18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS	19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAPLUS and USPATFULL/USPAT2
NEWS	20	MAY 30	The F-Term thesaurus is now available in CA/CAPLUS
NEWS	EXPRESS		FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),

AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS      STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN      Welcome Banner and News Items  
NEWS IPC8        For general information regarding STN implementation of IPC 8  
NEWS X25        X.25 communication option no longer available after June 2006

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

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	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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FILE LAST UPDATED: 1 Jun 2006 (20060601/ED)

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=> s 4-iodobutylphosphonic acid  
5336604 4  
2 IODOBUTYLPHOSPHONIC  
4155499 ACID  
1525331 ACIDS  
4646047 ACID  
(ACID OR ACIDS)  
L1 2 4-IODOBUTYLPHOSPHONIC ACID  
(4(W) IODOBUTYLPHOSPHONIC(W)ACID)

=> d ibib abs hitstr tot

L1 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2005:99143 CAPLUS  
DOCUMENT NUMBER: 142:176946  
TITLE: Preparation of alkanephosphonic acid derivatives as  
type-I methionyl aminopeptidases (MetAP) inhibitors  
in  
antibacterial targeting  
INVENTOR(S): Holz, Richard C.; Copik, Alicja J.; Swierczek,  
Krzysztof; Swierczek, Sabina  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 21 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005026873	A1	20050203	US 2004-786240	20040225
PRIORITY APPLN. INFO.:			US 2003-491074P	P 20030730

OTHER SOURCE(S): CASREACT 142:176946; MARPAT 142:176946  
AB Compd. of formula Y(CH<sub>2</sub>)<sub>n</sub>CH(NH<sub>2</sub>)X [X = CH<sub>2</sub>SH, CH<sub>2</sub>OH, NHOH, PO<sub>3</sub>H<sub>2</sub>,  
pyrazoles, imidazoles, oxazoles, isoxazoles, thiazoles, isothiazoles,  
triazoles, oxadiazoles, thiadiazoles; Y = COCZ, C(EWG)Z, SOCZ, SO<sub>2</sub>CZ,  
CH<sub>2</sub>:CH, CH<sub>2</sub>:CHCO, Q, EWGCH:C(EWG)-, CH<sub>2</sub>:CHSO<sub>2</sub>, CH<sub>2</sub>:CHSO, CH<sub>2</sub>:C(EWG)-;  
wherein: EWG = an electron withdrawing group selected from the group  
consisting of CHO, COR, CO<sub>2</sub>H, CO<sub>2</sub>R, NO<sub>2</sub>, cyano, SOR, SO<sub>2</sub>R, and SO<sub>2</sub>OR; Z =  
Cl, Br, iodo; R = alkyl or aryl group selected from the group consisting  
of Me, Et, Pr, iso-Pr, Bu, sec-Bu, tert-Bu, each (un)substituted Ph or  
naphthyl; n = an integer] and pharmaceutically acceptable salts thereof  
are prepared. These compds. act as mol. inhibitors to target new enzymic  
targets on bacteria and provide a new class of bactericidal compds. They  
provide for selective inhibition of Type I methionyl aminopeptidases  
(MetAPs) in bacteria. Because humans and other animals have both type-I  
and type-II MetAPs, which are functionally equivalent, the compds. are  
bactericidal but do not completely inhibit MetAP activity in humans and  
other animals. The compds. also have anti-microbial activity in microbes  
other than bacteria provided the targeted microbes have predominately  
type-I MetAP. Thus, 4-bromobutylphosphonic acid di-Et ester (3.28 g, 12  
mmol) was refluxed with hydroiodic acid (55-58%, 20 mL) for 24 h to give,  
after workup and titration with concentrated aqueous NaOH solution, 4-  
iodobutylphosphonic acid disodium salt (II) (3.70 g,  
100%). Since only Cys59 in EcMetAP-1 appears to be accessible for  
covalent modification, two potential inhibitors, i.e. I and  
6-phosphonohexanoic acid (II), were prepared based on mol. modeling, one  
of which, i.e. I, contains a good leaving group (I-) and should be  
susceptible  
to nucleophilic attack while the second, i.e. II, will not undergo  
nucleophilic addition. Reaction of wild-type EcMetAP-I with both I and  
II for  
up to 12 h resulted in the complete and irreversible loss in catalytic  
activity for EcMetAP-I in the presence of I. As expected, II did not  
significantly alter the catalytic activity of EcMetAP-1. PjMetAP-II was  
not significantly inhibited by either I or II.

L1 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1960:67035 CAPLUS  
DOCUMENT NUMBER: 54:67035  
ORIGINAL REFERENCE NO.: 54:12843f-h  
TITLE: Brightening additives for electroplating baths  
INVENTOR(S): Haas, Hermann; Kirstahler, Alfred; Gundel, Wolfgang;  
Strauss, Wennemar  
PATENT ASSIGNEE(S): DEHYDAG Deutsche Hydrierwerke G. m. b. H.  
DOCUMENT TYPE: Patent  
LANGUAGE: Unavailable  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1023647		19580130	DE 1954-D19019	19541030
AB	Bright Ni, Co, bronze, and brass electrodeposits are obtained at <60° and 0.5-12 amp./sq. dm. from baths containing 0.01-20 g./l. of a compound of the general formula XRY, in which X is a halogen or pseudohalogen atom; R is an aliphatic or aromatic hydrocarbon radical possibly containing other substituent groups, and Y is a H <sub>2</sub> O-solubilizing group other than SO <sub>3</sub> H, e.g. SO <sub>4</sub> H, phosphate, PO(OH) <sub>2</sub> , PO(R')OH. In the latter group R' is H or a hydrocarbon radical. Aliphatic compds. carrying halogen and 2-2 OH groups are also suitable for use as brighteners. The acids are used in the form of their alkali metal salts. Examples mentioned are bromoethylphosphonic acid, 3-bromopropylphosphonic acid, 4-iodobutylphosphonic acid, 2-bromoethylphosphate, trichloromethylphosphonic acid, ethylene bromohydrin triglycol ether, and 4-bromophenyl phosphate.			